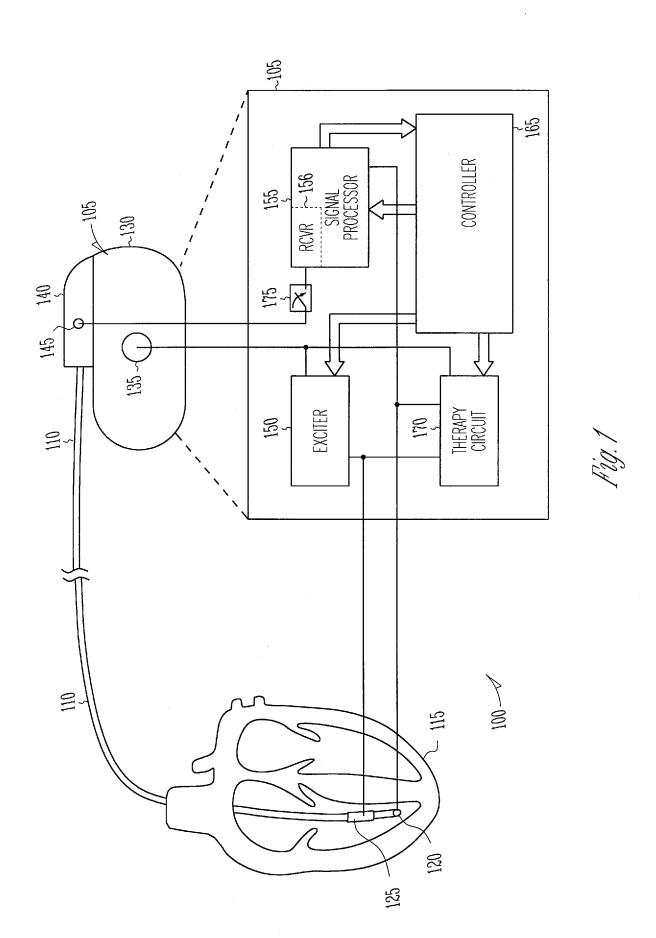
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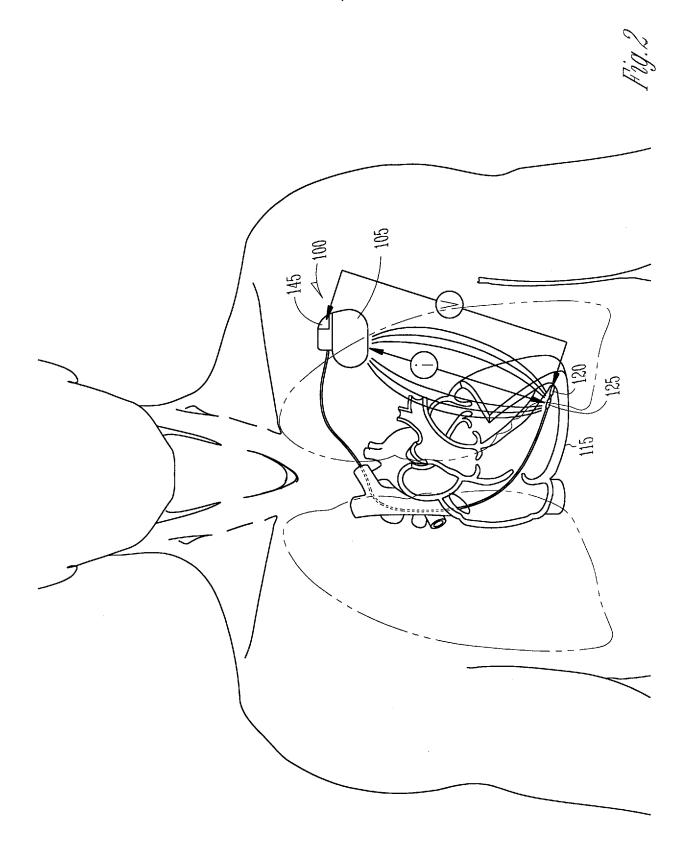
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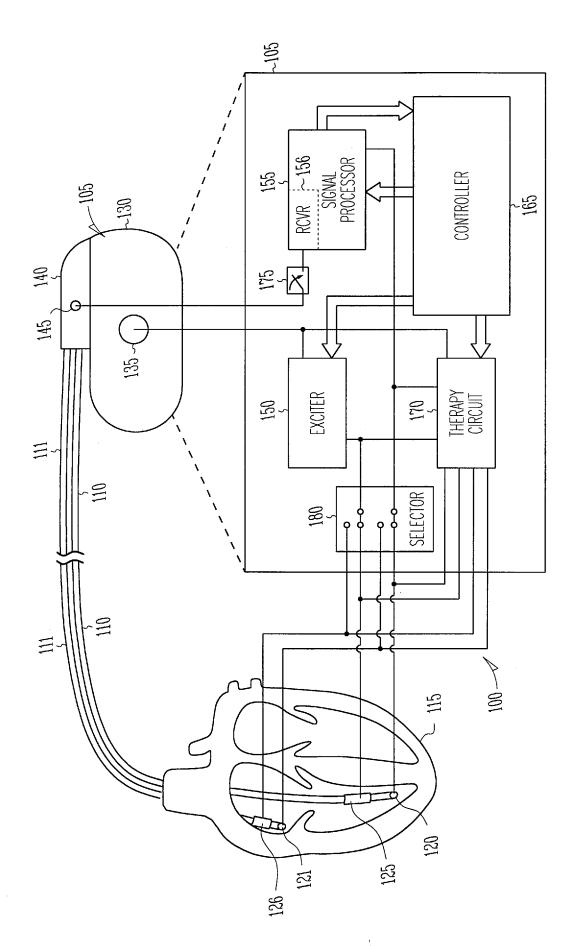
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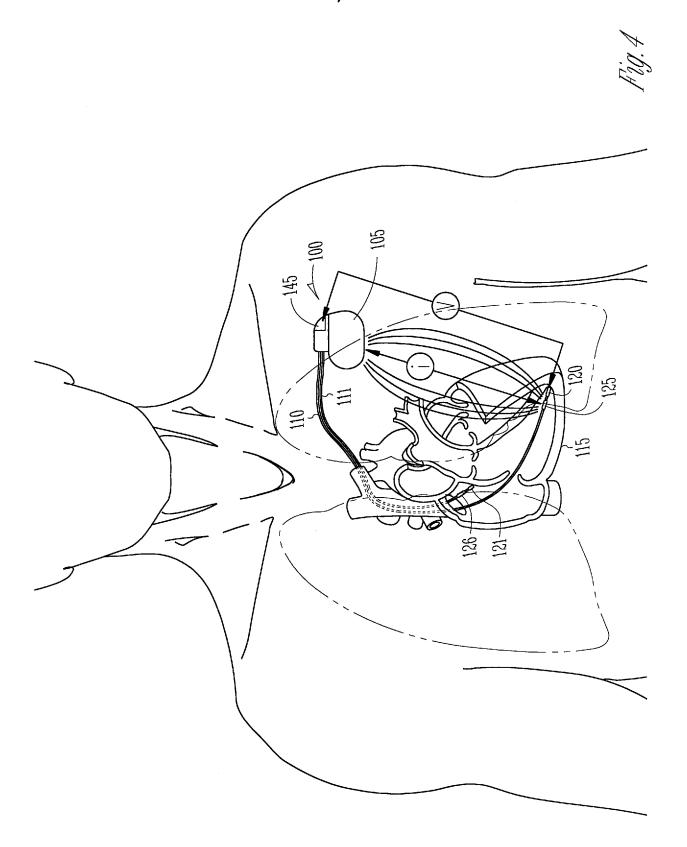


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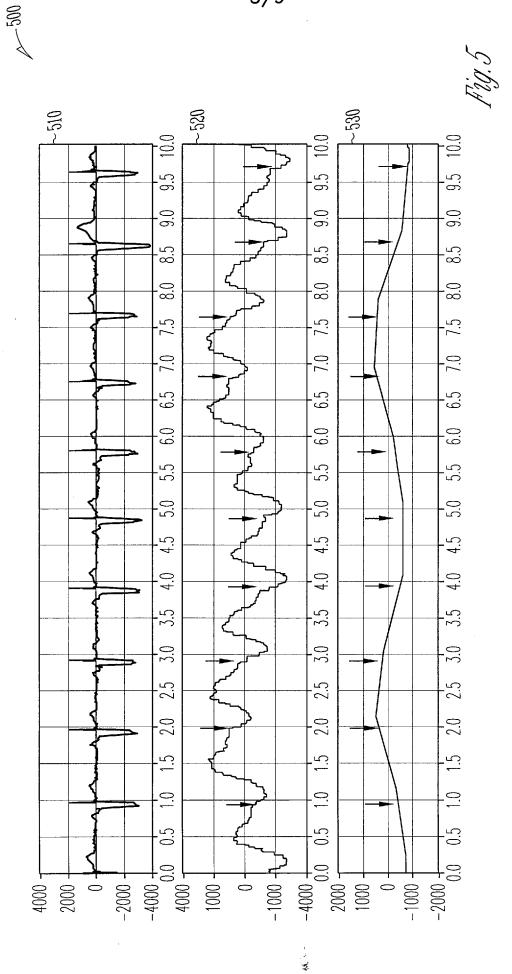
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SERIAL NO.: 10/612,388 DOCKET NO.: 279.582US1

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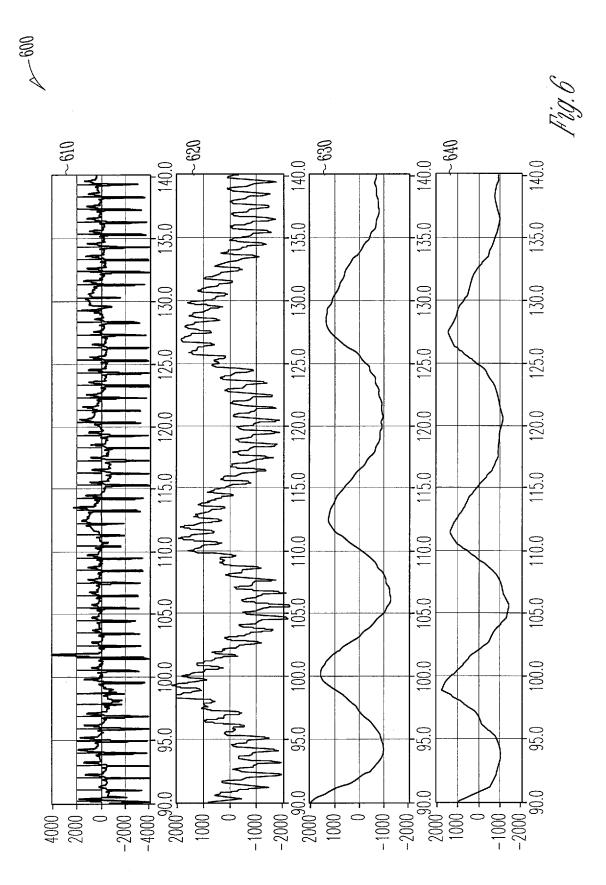


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INVENTOR'S NAME: JAEHO KIM, ET AL. SERIAL NO.: 10/612,388 DOCKET NO.: 279.582US1

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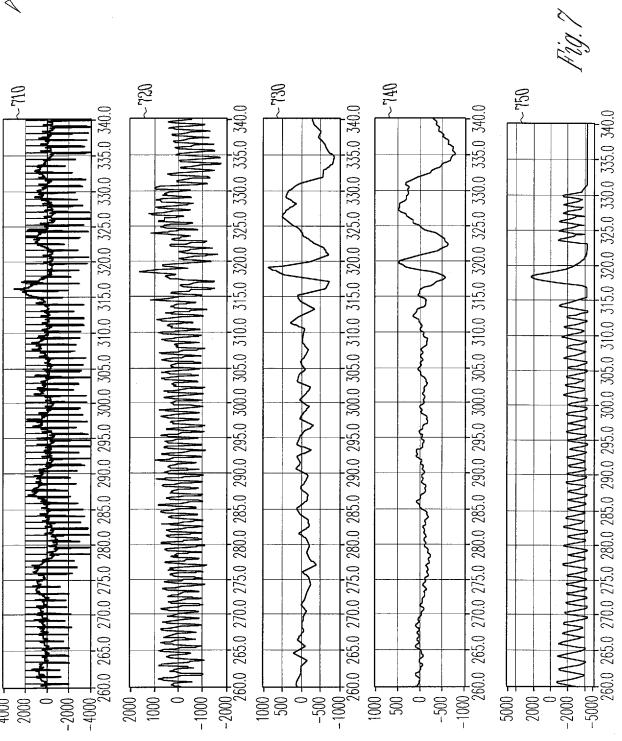
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INVENTOR'S NAME: JAEHO KIM, ET AL.

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SERIAL NO.: 10/612,388 DOCKET NO.: 279.582US1

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APPLYING A PREDETERMINED CURRENT STIMULUS
ACROSS A THORAX REGION OF A PATIENT IN
SYNCHRONY WITH INTRINSIC HEART ACTIVITY SIGNALS

820

SAMPLING A VOLTAGE ACROSS THE THORAX
REGION OF A PATIENT WHEN APPLYING THE
PREDETERMINED CURRENT STIMULUS

830

CALCULATING AN IMPEDANCE FROM THE
MEASURED VOLTAGE AND THE PREDETERMINED
PULSED CURRENT STIMULUS

Fig. 8

TITLE: CARDIAC CYCLE SYNCHRONIZED SAMPLING OF IMPEDANCE SIGNAL INVENTOR'S NAME: JAEHO KIM, ET AL.

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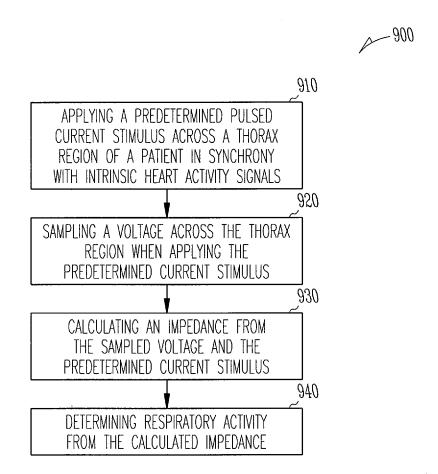


Fig. 9